

FLANGE CENTERED DRILLING SYSTEM



INTEGRA's BLACK WIDOW™ provides a solution to remove seized studs.

The BLACK WIDOW™ drilling system can be mounted on any type of flange (pipe or vessel), reactor tops, man ways, turbine steam valves and main steam inlets. The hydraulic drill can also be used separately for drilling out stuck studs in turbine casings.

INTEGRA's BLACK WIDOW™ can be successful on any type of application with a round opening surrounded by bolts on a bolt circle.

- Fast set up on a flange center using the mounting chuck
- Rigid drilling machine support plate that rotates around the flange center
- Eliminates the multiple set ups that are required by current methods
- Equipment can be assembled by 2 men and does not require crane support
- Safe hands free automatic feed system
- Powerful 10 HP hydraulic drill shaft drive
- Mounted to a vessel flange in a horizontal, right angle or upside down position



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